

No. 562 Survey held at Leipsmouth Date July 18th 1853
 on the Barque Witch of the Wave Master
 Tonnage 277 Built at Leipsmouth When built 1853
 By whom built J. B. Mansfield Owners Hutchings & Co
 Port belonging to Leipsmouth Destined Voyage
 If Surveyed Afloat or in Dry Dock In the Yard

Length aloft 115 3 Extreme Breadth 22 3 Depth of Hold 15 5

| Scantlings of Timber. | | | | Thickness of Plank. | | | | |
|---------------------------------------|---------------|---------|---------|---------------------|--------------|----------------------|--------------|----------------------------|
| | Feet. | Inches. | | Feet. | Inches. | | Feet. | Inches. |
| Timber and Space..... each | <u>24</u> | | | | | | | |
| Floors..... sided | <u>11</u> | | Moulded | <u>13</u> | <u>11</u> | Outside. | | |
| 1st Foothooks..... " | <u>9 1/2</u> | | " | <u>9 1/2</u> | <u>9</u> | Keel to Bilge | <u>3 1/4</u> | Inside. |
| 2nd Ditto..... " | <u>8 1/2</u> | | " | <u>8 1/2</u> | <u>8</u> | Bilge Planks | <u>6</u> | Foot Waling |
| 3rd Ditto..... " | <u>7 1/4</u> | | " | <u>7 1/2</u> | <u>5</u> | Bilge to Wales | <u>3 1/2</u> | Bilge Planks |
| Top Timbers | <u>9</u> | | " | <u>9</u> | <u>7 1/2</u> | Wales | <u>5</u> | Ceiling in Flat |
| Deck BeamsN°. of <u>24</u> | <u>11</u> | | " | <u>11</u> | <u>9 1/2</u> | Topsides | <u>2 5/8</u> | Ditto Bilge to Clamp |
| Hold BeamsN°. of <u>10</u> | <u>11 1/2</u> | | " | <u>11 1/2</u> | <u>11</u> | Sheer Strakes | <u>3 1/2</u> | Hold Beam Clamps |
| Keel | <u>13</u> | | " | <u>13</u> | <u>11</u> | Plank Sheers..... | <u>3 1/2</u> | Deck Beam Ditto..... |
| Kelsons | <u>11</u> | | " | <u>11</u> | <u>9 1/2</u> | Water-Ways..... | <u>6</u> | Ceiling 'twixt Decks |
| <u>Riser</u> | <u>11</u> | | " | <u>11</u> | <u>9 1/2</u> | Upper Deck | <u>3</u> | Hold Beam Shelves |

| Copper. | | Size of Bolts in Fastenings. | | Iron. | |
|--------------------------------------|--------------|---|------------|------------------------------------|----------------------------|
| | Inches. | | Inches. | | Inches. |
| Heel-Knee, and Dead Wood abaft | <u>1 1/8</u> | | | | |
| Scarphs of Keel.....N°. <u>2</u> | <u>3/8</u> | Bolts thro' the Bilge and Foot Waling | <u>3/4</u> | Hold Beam | <u>Metall</u> <u>1 7/8</u> |
| Floor Timber Bolts | <u>1/2</u> | Butt End Bolts | <u>3/4</u> | Deck Beam | <u>7/8</u> |
| Kelson ditto | <u>1 1/8</u> | Lower Pintle of the Rudder | <u>3</u> | same in Iron above the Copper..... | <u>1 1/8</u> |
| Transoms and throats of Hooks | <u>1 1/8</u> | | | | <u>7/8</u> |
| Arms of Hooks | <u>7/8</u> | | | | |

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is Two Inches. The Space between the Top-timbers is 3 1/2 Inches. The Stem, Stern Post, are composed of English Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, of English Oak and are quite free from all defects. The Floors and first Foothooks are composed of English Oak Timber. The other Foothooks and Top Timbers of Ditto Do. The Shifts of the first and second Foothooks are not less than Four feet six N. B. When less than prescribed by the Rule, state how many. The rest of the Shifts of the Frame are Four feet six. The Frame is all squared from the first Foothook Heads upwards, and all free from sap, and from thence downwards, the frame is the same. The alternate Frames are all bolted together. N. B. If not, state how bolted. The Butts of the Timbers are all close together; their thickness not less than two-thirds of the entire moulding at that place. The Frame is all chocked with a Butt at each end of the chock. The Main Kelson is composed of English Oak and the False Kelson of English Oak. The Scarphs of the Kelsons are not less than six feet — inches. The Deck and Hold Beams are composed of English Oak.

Planking Outside.—From the Keel to the first Foothook Heads the Plank is composed of English Elm. From the first Foothook Heads to the Light Water Mark of English Oak. From the Light Water Mark to the Wales of Ditto Do. The Wales and Black-strakes are of English Oak. The Topsides of English Oak. The Sheer-strakes and Plank-sheers of Ditto Do. The Water-ways of Ditto Do. The Decks of Quebec Yellow Pine. State of first quality. The Shifts of the Planking are not less than 5 Feet — Inches. N. B. If less than prescribed by the Rule, state whether general or partial, and if partial, in what part of the Ship. The Planking is wrought Three between

Planking Inside.—The Limber-strakes are composed of English Oak the Bilge Planks of English Oak. The Ceiling, Lower Hold, of American White Oak Between Decks of English Oak. Shelf Pieces of English Oak Clamps of Ditto - Ditto.

Fastenings.—To Hold Beams Iron Staple & Hanging Knees. Deck Beams Do Do Do Do. Number of Breasthooks Five Pointers Two Iron Crutches Three Iron. Butts End Bolts are of Metall in the Bottom, and one Bolt in each Butt End through and clenched. Bilge and Footwaling Metall bolted through and clenched. General Quality of Workmanship Very Good.

We certify that the preceding is a correct description of the above-named Vessel,
 Builder's Name John B Mansfield
 Surveyor's Name Sam Locking



TAM030-0152

Her Masts, Yards, &c. are in _____ condition, and sufficient in size and length.

| She has SAILS. | | | CABLES, &c. | | ANCHORS, and their weights. | | |
|------------------|---|----------|------------------------------|---------|-----------------------------|---------|-----------------------|
| N ^o . | | Fathoms. | | Inches. | N ^o . | | |
| 2 | Fore Sails, | 190 | Chain | 1 1/4 | 3 | Bower, | 14-3-0 14-2-12 14-1-0 |
| 1 | Fore Top Sails, | 75 | do <i>Stream</i> | 1 3/4 | 1 | Stream, | 4-2-0 |
| 2 | Fore Topmast Stay Sails, | 75 | Hawser | 5 | 2 | Kedges, | 1-1-10 - 1-0-2 |
| 1 | Main Sails, | 75 | Towlines | 8 | | | |
| 2 | Main Top Sails, | 75 | Warp | 4 | | | |
| | and 3 <i>bits</i> 2 <i>spencers</i> <i>main</i> | | All of <i>first</i> quality. | | | | |

Her Standing and Running Rigging *best Hemp* sufficient in size and *good* in quality.

She has *one* Long Boat and *one* *Jolly Boat & Gij*

The present state of the Windlass is *Patent Capstan* and Rudder *properly fitted*

General Remarks—Statement and Date of Repairs.

*She has a raised Quarter Deck 36 feet long by 2-9
with ~~right~~ *pair* hanging knees to upper deck beams
and ~~two~~ *two* pair iron knees to the Hold beams
according to Rule I consider her well
qualified for the character recommended
below viz. A 1 - 10 years -*

If Sheathed, Doubled, Felted, or Coppered *Mintz Metal* When last done *July 1853*

I am of opinion this Vessel should be Classed *A 1-10 years*

The Amount of the Fee.....£ 3 : " : " is received by me,

Three Survey Special£ 6 : 6 : "

Certificate " 10 "

Committee's Minute *22nd July 1853*

Character assigned *A 1-10 years*

Samuel Jackson

[Signature]

